Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	107	stralen.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 12:52
L2	1137	krishnamurthy.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 12:53
L3	18715	ross.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 12:53
L4	✓ 2	L1 AND L2 AND L3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 12:54
L5	116	(L1 OR L2 OR L3) AND ultra$1sound$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 12:54
L6	✓ 19	(L1 OR L2 OR L3) AND ultra$1sound$3 AND (mux$3 OR multiplex$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 12:55
L7	✓ 2	"5566133".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 12:55
L8	✓ 3	("5566133").URPN.	USPAT	OR	OFF	2005/02/24 13:02
L9	9	("4472793" | "4549533" | "4569231" | "5566133" | "5591911" | "5622177" | "5787049" | "5848968" | "6159153").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/24 13:08
L10	0	("6506160").URPN.	USPAT	OR	OFF	2005/02/24 13:14
L11	5	("4641660" | "4945915" | "5014711" | "5186175" | "5226847").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/24 13:15
L12	7	("5622177").URPN.	USPAT	OR	OFF	2005/02/24 13:17
L13	6	("4135139" | "4344159" | "4470308" | "4534221" | "4911170" | "4917097").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/24 13:19
L14	✓ 17	("5226847").URPN.	USPAT	OR	OFF	2005/02/24 13:21
L15	✓ 25	"370"/$6.ccls. AND (ultra$1sound$3 OR ulta ADJ1 sound$3)	USPAT	OR	OFF	2005/02/24 13:27
L16	✓ 13	"370"/$6.ccls. AND (time ADJ1 gain ADJ1 control$3 OR TGC)	USPAT	OR	OFF	2005/02/24 13:28
L17	3074	600/407,437,443,459,463.ccls.	USPAT	OR	OFF	2005/02/24 16:15
L18	✓ 446	L17 AND (multiplex$3 OR mux$3)	USPAT	OR	OFF	2005/02/24 16:06
L20	61	L17 AND (de$1multiplex$3 OR de$1mux$3)	USPAT	OR	OFF	2005/02/24 16:06

L21	✓ 244	"600"/$6.ccls. AND (multiplex$3 OR mux$3) SAME (de$1multiplex$3 OR de$1mux$3)	USPAT	OR	OFF	2005/02/24 16:16
L24	56940	(ultra$1sonic$5 OR ultra ADJ1 sonic$5 OR ultra$1sound$3 OR ultra$1sound$3 OR transduc$5 OR prob$3) WITH array$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 16:25
L25	957	(ultra$1sonic$5 OR ultra ADJ1 sonic$5 OR ultra$1sound$3 OR ultra$1sound$3 OR transduc$5 OR prob$3) WITH array$1 AND (time ADJ1 gain$3 ADJ1 control$3 OR TCG)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 16:36
L26	✓ 79	(ultra$1sonic$5 OR ultra ADJ1 sonic$5 OR ultra$1sound$3 OR ultra$1sound$3 OR transduc$5 OR prob$3) WITH array$1 SAME (time ADJ1 gain$3 ADJ1 control$3 OR TCG)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 16:27
L28	✓ 111	(ultra$1sonic$5 OR ultra ADJ1 sonic$5 OR ultra$1sound$3 OR ultra$1sound$3 OR transduc$5 OR prob$3) WITH array$1 AND (time ADJ1 gain$3 ADJ1 control$3 OR TCG) NEAR3 (amp$1 OR amplif$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 18:28
L30	✓ 18	370/532-545.ccls. AND L24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 16:41
L31	1143	(ultra$1sonic$5 OR ultra ADJ1 sonic$5 OR ultra$1sound$3 OR ultra$1sound$3 OR transduc$5) WITH (prob$3 OR array$1) SAME (mux$3 OR multiplex$4 OR de$1mux$3 OR demultiplex$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 16:45
L32	556	(ultra$1sonic$5 OR ultra ADJ1 sonic$5 OR ultra$1sound$3 OR ultra$1sound$3) WITH (prob$3 OR array$1) SAME (mux$3 OR multiplex$4 OR de$1mux$3 OR demultiplex$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 16:45
L33	✓ 405	(ultra$1sonic$5 OR ultra ADJ1 sonic$5 OR ultra$1sound$3 OR ultra$1sound$3) WITH array$1 SAME (mux$3 OR multiplex$4 OR de$1mux$3 OR demultiplex$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 16:45
L41	✓ 74	(ultra$1sonic$5 OR ultra ADJ1 sonic$5 OR ultra$1sound$3 OR ultra$1sound$3) AND (time ADJ1 gain$3 ADJ1 control$3 OR TCG) NEAR3 (amp$1 OR amplif$7) SAME (A$1D OR a$1to$1D OR analog$3 OR digital$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 18:30

◆IEEE 09/681,671

Dur 2/24/2005

IEEE Xplore®
RELEASE 1.8

Welcome
United States Patent and Trademark Office

IEEE Xplore®
1 Million Documents
1 Million Users
...And Growing

» **Advanced Search**

Membership   Publications/Services   Standards   Conferences   Careers/Jobs

Help   FAQ   Terms   IEEE Peer Review | **Quick Links** |☑|

Welcome to IEEE Xplore®

- O- **Home**
- O- **What Can I Access?**
- O- **Log-out**

Tables of Contents

- O- **Journals & Magazines**
- O- **Conference Proceedings**
- O- **Standards**

Search

- O- **By Author**
- O- **Basic**
- O- **Advanced**
- O- **CrossRef**

Member Services

- O- **Join IEEE**
- O- **Establish IEEE Web Account**
- O- **Access the IEEE Member Digital Library**

IEEE Enterprise

- O- **Access the IEEE Enterprise File Cabinet**

Try our New Full-text Search Prototype **GO**   Help

1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging
plus any stem variations)
2) Limit your search by using search operators and field codes,
if desired.
Example: optical <and> (fiber <or> fibre) <in> ti
3) Limit the results by selecting Search Options.
4) Click Search. See Search Examples

```
(ultra*sonic* or
ultra*sound*) and (mux* or
multiplex* or demux* or
demultiplex*)
```

Start Search | **Clear**

Note: This function returns plural and suffixed forms of the
keyword(s).

Search operators: <and> <or> <not> <in> More

Field codes: au (author), ti (title), ab (abstract), jn (publication
name), de (index term) More

Search Options:
Select publication types:
- ☑ IEEE Journals
- ☑ IEE Journals
- ☑ IEEE Conference proceedings
- ☑ IEE Conference proceedings
- ☑ IEEE Standards

Select years to search:

From year: |All ☑| to |Present ☑|

Organize search results by:

Sort by: |Year   ☑|

In: |Descending ☑| order

List |15 ☑| Results per page

◈ IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
RELEASE 1.8

Welcome
United States Patent and Trademark Office

IEEE Xplore®
1 Million Documents
1 Million Users
...And Growing

Help   FAQ   Terms   IEEE Peer Review

Quick Links ▾

» Advanced Search

Welcome to IEEE Xplore®

○- **Home**
○- **What Can I Access?**
○- **Log-out**

Tables of Contents

○- **Journals & Magazines**
○- **Conference Proceedings**
○- **Standards**

Search

○- **By Author**
○- **Basic**
○- **Advanced**
○- **CrossRef**

Member Services

○- **Join IEEE**
○- **Establish IEEE Web Account**
○- **Access the IEEE Member Digital Library**

IEEE Enterprise

○- **Access the IEEE Enterprise File Cabinet**

Try our New Full-text Search Prototype **GO**

Help

1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
2) Limit your search by using search operators and field codes, if desired.
Example: optical <and> (fiber <or> fibre) <in> ti
3) Limit the results by selecting Search Options.
4) Click Search. See Search Examples

```
(ultra*sonic* or
ultra*sound*) and (time
<near/1> gain* <near/1>
control* or tgc)
```

Start Search | **Clear**

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> More

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) More

Search Options:
Select publication types:
☑ IEEE Journals
☑ IEE Journals
☑ IEEE Conference proceedings
☑ IEE Conference proceedings
☑ IEEE Standards

Select years to search:

From year: |All ▾| to |Present ▾|

Organize search results by:

Sort by: |Year ▾|
In: |Descending ▾| order

List |15 ▾| Results per page

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC
Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top